

**Ames Warehouse Fire ER**  
**Air Sampling Results**

	EPA Summa Canister Air Sampling Data								Ohio EPA Summa Canister Data									
	Field Sample #	1710022-01	1710022-2	1710022-3	1710022-4	1710022-5	17102402-01	17102402-01	17102402-01	PA Risk Level	AEGLs							
	Sample Location	AA-01	AA-04	AA-02	AA-03	AA-05	John St	Lowes Parking Lot	Third St	Indoor Air Range	Range							
	Sample Type	Field Sample	Field Sample															
	Matrix	Air	Air															
	Date Sampled	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/23/2017	10/23/2017	10/23/2017									
	Date Analyzed	11/2/2017	11/2/2017	11/2/2017	11/2/2017	11/2/2017	10/24/2017	10/24/2017	10/24/2017									
	Units:	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ppbv	RL	ppbv	RL	ppbv	ug/m3	ppm	AEGL #	
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	0.100	0.100	U	0.100	U	0.100						
1,2,4-Trimethylbenzene	U	U	U	U	U	U	0.130	0.100	U	0.100	U	0.100						
1,2-Dichlorobenzene	3.7	0.6	U	U	U	U	U	U	U	0.100	U	0.100	U	0.100	210	HI		
1,4-Dichlorobenzene	2.7	0.4 J	U	U	U	U	U	U	U	0.100	U	0.100	U	0.100	830	HI		
2-Butanone	U	U	U	U	U	U	0.5	0.2 J	U	0.500	U	0.500	U	0.500	---	HI		
Acetone	2.5	1	2.3	1	5.6	2.3	2.1	0.9	2.1	0.9	4.540	2.000	2.02	2.000	2.46	2.000	32000	HI 200
Acrylonitrile	---	---	---	---	---	---	---	---	0.100	0.100	0.160	0.100	U	0.100				
Benzene	11.6	3.6	2.9	0.9	4.3	1.3	4.3	1.3	3.3	1	0.390	0.100	1.12	0.100	U	0.100	0.36 10-6 130 - 8	
Carbon Tetrachloride	1.8	0.3 J	U	U	U	U	U	U	1	0.2 J	0.110	0.100	U	0.100	U	0.100	0.047 10-6 27 - 5.8 (2)	
Chlorobenzene	32.3	7	U	U	U	U	U	U	1.5	0.3 J	U	0.100	U	0.100	U	0.100	52 HI 10	
Chloromethane	1.1	0.5	1	0.5	1.1	0.5	1.1	0.5	1.1	0.6	0.580	0.100	0.660	0.100	0.680	0.100	94 HI	
Cyclohexane	6.2	1.8	1.6	0.5	2.2	0.6	2.5	0.7	2.2	0.6	U	0.100	U	0.100	0.480	0.100	1000 HI	
Dichlorodifluoromethane	2.5	0.5	2.4	0.5	2.5	0.5	2.5	0.5	2.7	0.5	0.540	0.100	0.640	0.100	0.640	0.100	100 HI	
Ethanol	1.9	1	1.2	0.6	1.1	0.6	1.2	0.6	1.7	0.9	4.830	1.000	1.320	1.000	U	1.000	---	HI
Heptane	U	U	U	U	U	U	U	U	0.6	0.2 J	0.100	0.100	U	0.100	U	0.100	420 HI	
Hexane	0.9	0.3 J	U	U	0.7	0.2 J	0.7	0.2 J	0.9	0.2 J	0.240	0.100	U	0.100	0.220	0.100	730 HI 2900 (2)	
Isopropyl alcohol	0.6	0.2 J	0.7	0.3 J	0.6	0.2 J	0.4	0.2 J	0.7	0.3 J	U	0.500	U	0.500	U	0.500	---	HI
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	0.120	0.100	U	0.100	U	0.100		
m,p-Xylene	1.6	0.4 J	U	U	U	U	U	U	U	U	U	0.200	U	0.200	U	0.200	100 HI	
n-butane	---	---	---	---	---	---	---	---	---	---	2.120	0.100	0.520	0.100	1.580	0.100		
n-pentane	---	---	---	---	---	---	---	---	---	---	0.730	0.100	0.210	0.100	1.210	0.100		
Propylene	U	U	U	U	U	U	U	U	U	U	1.160	0.200	0.590	0.200	0.350	0.200		
Toluene	1.9	0.5	U	U	1.3	0.3 J	1.2	0.3 J	1	0.3 J	0.230	0.100	0.240	0.100	U	0.100	5200 HI 67	
Trichlorofluoromethane	1.3	0.2 J	1.3	0.2 J	1.3	0.2 J	1.3	0.2 J	1.6	0.3 J	0.220	0.100	0.220	0.100	0.220	0.100	---	HI

----- not included in the TO15 analysis